35 YEARS

SCULLY, SCOTT, MURPHY & PRESSER PC

INTELLECTUAL PROPERTY LAW



400 GARDEN CITY PLAZA SUITE 300 GARDEN CITY, NY 11530 516-742-4343 FAX: 516-742-4366 E-MAIL: INTPROPØSSMP.COM WWW.SSMP.COM

LEOPOLD PRESSER
FRANK S. DIGIGLIO
PAUL J. ESATTO, JR.
JOHN S. SENSNY
MARK J. COHEN
EDWARD W. GROLZ
STEVEN FISCHMAN
PETER I. BERNSTEIN
THOMAS SPINELLI
XIAOCHUN ZHU

MARVIN BRESSLER
RICHARD J. DANYKO
DENNIS J. DUNCAN†
THEODORE GOTTLIEB
ARTI KANE
HARRY A. HILD
EUNHEE PARK
CHAEL A. PETROCELLIA

EUNHEE PARK
MICHAEL A. PETROCELLIA
DARRELL L. POGUE
GREGORY SPEKTOR
KATHERINE R. VIEYRA[©]
JOHN F. VODOPIA
SETH M. WEINFELD
KEITH A. WELTSCH[®]
ZHUANG YUANA

PATENT AGENTS
LESLIE S. SZIVOS, PH.D.
BYEONGJU PARK, PH.D.
JOHN PYUN
QIAN ZHANG
EDMUND GUTIERREZ, PH.D.
ANIKET PATEL

COUNSEL
RICHARD L. CATANIA
BARRY M. KRIVISKY
ALLEN R. MORGANSTERN
ALEK P. SZECSY
STEPHEN A. YOUNG

TECHNICAL CONSULTANTS

DOMINICK A. TUCCIO

HESONG CAO

SACHIN KANDHARI

RETIRED
JOHN F. SCULLY
STEPHEN D. MURPHY

ANTHONY C. SCOTT 1931-1994

OH BAR ONLY
ONLY
CT BAR ONLY
ONLY
ONLY
ONLY
ONLY

July 18, 2008 SECOND REQUEST

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re: USSN: 10/587,228

Enhui Liu

Our Docket: 20060

Dear Sirs:

The Filing Receipt for the above-identified patent application does not list the Assignment for Published Patent Application Information. It should read as follows:

Assignment for Published Patent Application

Huawei Technologies Co. Ltd., P.R. China

as indicated on the enclosed pages. Please make the corrections and send us a corrected Filing Receipt.

Very truly yours.

cully, Scott, Murphy & Presser,

SSM&P/bb Encl.

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

| APPLICATION | FILING or | GRP ART | UNIT | FIL FEE RECD | ATTY.DOCKET.NO | TOT CLAIMS IND CLAIMS | TOT CLAI

23389 SCULLY SCOTT MURPHY & PRESSER, PC 400 GARDEN CITY PLAZA SUITE 300 GARDEN CITY, NY 11530 CONFIRMATION NO. 6704 CORRECTED FILING RECEIPT



Date Mailed: 05/22/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Applicant(s)

Enhui Liu, Guangdong Providence, CHINA:

Assignment For Published Patent Application

ASSIGNMENT OF PULISHED PATENT APPLICATION, GUANGDONG PROVICE, CHINA

Power of Attorney: The patent practitioners associated with Customer Number 23389

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/CN05/01094 07/21/2005

Foreign Applications

CHINA 200410070039.7 08/05/2004

If Required, Foreign Filing License Granted: 08/21/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 10/587,228**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Title

Method, Apparatus, Edge Router and System for Providing Qos Guarantee

Preliminary Class

370

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).





UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 31, 2008

PTAS

CORRECTED NOTICE

EDWARD W. GROLZ 400 GARDEN CITY PLAZA SUITE 300 GARDEN CITY, NY 11530

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/21/2007

REEL/FRAME: 019052/0332

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 20060

ASSIGNOR:

LIU, ENHUI

DOC DATE: 08/01/2006

ASSIGNEE:

HUAWEI TECHNOLOGIES CO., LTD.
HUAWEI ADMINISTRATION BUILDING,
BANTIAN
LONGGANG DISTRICT, SHENZHEN
GUANGDONG PROVIDENCE P.R., CHINA

518129

SERIAL NUMBER: 10587228

FILING DATE: 03/20/2007

ISSUE DATE:

PATENT NUMBER:

TITLE: METHOD, APPARATUS, EDGE ROUTER AND SYSTEM FOR PROVIDING QOS

GUARANTEE

ASSIGNMENT

In consideration of One Dollar (\$1,00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned, Enhui Lin

Authorize and request the Commissioner of Patents to issue to said Assigned, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application:

Agree that said Assignee may apply for and receive foreign Letters Patent for said improvements, or any of them; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment; the undersigned will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful onths, assignments, powers of automey and other papers; communicate to said Assignee its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof, testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns and legal representatives; and

timin in namifulant for mit interpretament mitte, bir priviters

and the same of

entinginofoi[M/080020881/1-w/iH